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(54) Title: PHTHALIMIDYLAZO DYES, PROCESSES FOR THE PREPARATION THEREOF AND THE USE THEREOF

$$R_{2}-N$$

$$N=N$$

$$N=N$$

$$R_{1}$$

(57) Abstract: The present invention relates to dyes of formula (I) wherein R<sub>1</sub> is C<sub>1</sub>-C<sub>12</sub>alkyl or -C<sub>n</sub>H<sub>2n</sub>-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>m</sub>-OR<sub>3</sub>, n being a number from 2 to 8, m being a number from 0 to 4 and R<sub>3</sub> being C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>6</sub>-C<sub>24</sub>aryl or C<sub>6</sub>-C<sub>24</sub>aralkyl, R<sub>2</sub> is methyl, ethyl, n-propyl, n-butyl, 2-methoxyethyl or 2-ethoxyethyl, X is halogen and Y is hydrogen, chlorine or bromine, and to the process for the preparation thereof and to the use thereof in dyeing or printing semi-synthetic and especially synthetic hydrophobic fibre materials, more especially textile materials.



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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C09B29/036 C09B29/42

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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  $IPC\ 7\ C09B$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, PAJ, WPI Data

C. DOCUME	ENTS CONSIDERED TO BE RELEVANT				
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X Fur	ther documents are listed in the continuation of box C.	Y Patent family members are li	sted in annex.		
"A" docum consi "E" earlier filing "L" docum which citatis "O" docum other "P" docum later	ent which may throw doubts on priority claim(s) or its cited to establish the publication date of another on or other special reason (as specified) ment referring to an oral disclosure, use, exhibition or means nent published prior to the international filing date but than the priority date claimed	"T" later document published after the or priority date and not in conflict cited to understand the principle invention  "X" document of particular relevance cannot be considered novel or clinvolve an inventive step when the "Y" document of particular relevance cannot be considered to involve document is combined with one ments, such combination being in the art.  "&" document member of the same particular relevance."	t with the application but or theory underlying the standard invention annot be considered to the document is taken alone; the claimed invention an inventive step when the or more other such docupobvious to a person skilled statent family		
	e actual completion of the international search  1 June 2004	Date of mailing of the international search report  16/06/2004			
	mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31–70) 340–2040, Tx. 31 651 epo ni,	Authorized officer Ginoux, C			



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